

# METHOD FOR REMOVING MERCURY IN EXHAUST GAS

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## Abstract of **JP5220345**

**PURPOSE:**To remove mercuric chloride contained in exhaust gas discharged from e.g. a refuse incinerator by a wet process.

**CONSTITUTION:**In a method for removing mercury contained in exhaust gas by a wet process, sodium hydroxide is dissolved in washing liquid 11 held in a washing vessel 10 and treatment of acidic gas is performed. The aqueous solution 17 of sodium hypochlorite is added into the washing liquid 11 in accordance with COD and oxidation-reduction potential of the washing liquid 11. Thereby the reductive substance of mercury in the washing liquid 11 is oxidized. Exhaust gas is washed while preventing the reduction of mercury.



